



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Plans and Specifications and Advertisement for Bids for Electric Utility Substructures on Hwy. 99 s/o Kettleman Lane and Thurman Street w/o Guild Avenue (\$52,000)

MEETING DATE: February 17, 1999

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the plans and specifications for the above project and authorize advertisement for bids.

BACKGROUND INFORMATION: This project will install substructures (electric conduits and vaults) under and along Hwy. 99 s/o Kettleman Lane and on Thurman Street from Industrial Substation to Guild Avenue. The project is a portion of a main feeder under construction from Industrial Substation to the area w/o Stockton Street and s/o Kettleman Lane. The substructures will allow the Department to install underground high voltage cables in this part of the project.

The estimated cost of the substructure installation is \$52,000 with bid opening scheduled for March 2, 1999.

FUNDING: Included in the Department's 1998-99 Financial Plan and Budget, Distribution System Improvement (page E-23).

Funding Approval: Vicky McAthie
Vicky McAthie, Finance Director

Alan N. Vallow
Alan N. Vallow
Electric Utility Director

PREPARED BY: Hans Hansen, Manager, Engineering and Operations
ANV/HH/lst

C: City Attorney
Public Works Director
Purchasing Officer

APPROVED: H. Dixon Flynn
H. Dixon Flynn -- City Manager



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of Polemount and Padmount Transformers (\$95,188.51)
MEETING DATE: February 17, 1999
PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the bid for the purchase of 22 polemount transformers and 23 padmount transformers to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs,

Cooper Power Systems, Waukesha, WI	8 ea 37.5KVA Polemounts	\$ 6,147.14
Kuhlman Industries, Versailles, KY	14 ea 50KVA Polemounts	\$ 14,451.43
Howard Industries, Laurel, MS	10 ea 50KVA 1Ø Padmounts	\$ 15,623.75
	6 ea 75KVA 1Ø Padmounts	11,462.45
	1 ea 150KVA 3Ø Padmount	5,197.86
	4 ea 300KVA 3Ø Padmounts	28,695.98
	1 ea 75KVA 3Ø Padmount	3,718.45
		<u>\$ 64,698.49</u>
G E Supply Co., Sacramento	1 ea 500KVA 3Ø Padmount	\$ 9,891.45

BACKGROUND INFORMATION: On November 19, 1997, the City Council approved specifications and authorized advertisement for bids for polemount and padmount transformers as necessary to meet the Department's needs through Fiscal Year 1998-99.

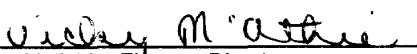
On January 27, 1999, bids for 22 polemount and 23 padmount transformers were opened and total life-cycle costs were evaluated. Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached as Exhibit A.

These transformers will be used to serve new commercial loads at Kettleman Lane and Sylvan Drive, Vine Street and Guild Avenue, the lift station at Mills Avenue, and for downtown reconstruction. Transformers will also be used for residential loads at Sunwest and Lodi West, and to replenish the Department's inventory.

FUNDING: Electric Utility Department 1998-99 Fiscal Year Operating Plan,
Page E-22


Alan N. Vallow, Electric Utility Director

Funding Approved:


Vicky McAthie, Finance Director

Prepared by Joel Harris, Purchasing Officer

APPROVED: _____


H. Dixon Flynn -- City Manager

RESOLUTION NO. 99-24

A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE
BID FOR THE PURCHASE OF POLEMOUNT AND PADMOUNT
TRANSFORMERS

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on January 27, 1999 at 11:00 a.m. for the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on November 19, 1997; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends that award of the bid for the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, be made to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, to wit:

Cooper Power Systems, Waukesha, WI	8 ea.	37.5KVA Polemounts	<u>\$ 6,147.14</u>
Kuhlman Industries, Versailles, KY	14 ea.	50KVA Polemounts	<u>\$14,451.43</u>
Howard Industries, Laurel, MS	10 ea.	50KVA 1Ø Padmounts	\$15,623.75
	6 ea.	75KVA 1Ø Padmounts	\$11,462.45
	1 ea.	150KVA 3Ø Padmount	\$ 5,197.86
	4 ea.	300KVA 3Ø Padmount	\$28,695.98
	1 ea.	75KVA 3Ø Padmount	<u>\$ 3,718.45</u>
			<u>\$64,698.49</u>
G E Supply Co., Sacramento	1 ea	500KVA 3Ø Padmount	<u>\$ 9,891.45</u>
		<u>Total Cost</u>	<u>\$95,188.51</u>

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, be and the same is hereby awarded to the above-described responsible bidders, in the total amount of \$95,188.51.

Dated: February 17, 1999


I hereby certify that Resolution No. 99-24 was passed and adopted by the City Council of the City of Lodi in a regular meeting held February 17, 1999, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Mann, Nakanishi, Pennino and Land
(Mayor)

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


ALICE M. REIMCHE
City Clerk

Transformer Bid Evaluation

Bid Opening: Jan. 27, 1999

Exhibit A.1

Polemount

Tax (factor): 1.0775

No Load Loss \$/watt: 6.00

Jan. 29, 1999

Load Loss \$/watt: 2.00

Bid Item 1: 37.5 KVA, 277 Volt, Single Phase Conventional

Number of units: 3

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load loss (watts)	Load loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
Cooper Power Syste	650.00	1,950.00	2,101.13	84	311	1,512.00	1,866.00	3,378.00	5,479.13	14	39	536
Kuhlman	735.00	2,205.00	2,375.89	84	291	1,512.00	1,746.00	3,258.00	5,633.89	8	36	600
Wesco Distribution	689.00	2,067.00	2,227.19	82	327	1,476.00	1,962.00	3,438.00	5,665.19	7	36	486.79
Central Moloney, Inc.	733.00	2,199.00	2,369.42	85	299	1,530.00	1,794.00	3,324.00	5,653.42	12	39	581
Howard Industries, Inc	746.00	2,238.00	2,411.45	72	333	1,296.00	1,998.00	3,294.00	5,705.45	10-12	36	563
G E Supply	625.00	1,875.00	2,020.31	83	454	1,494.00	2,724.00	4,218.00	6,238.31	9-11	34.1	483
Jerry's Electric	753.50	2,260.50	2,435.69	97	663	1,746.00	3,978.00	5,724.00	8,159.69	10-12	46	542

Bid Item 2: 50 KVA, 120/240 Volt, Single Phase Conventional

Number of units: 7

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load loss (watts)	Load loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
Kuhlman	925.00	6,475.00	6,976.81	96	366	4,032.00	5,124.00	9,156.00	16,132.81	8	36	700
Central Moloney, Inc.	863.00	6,041.00	6,509.18	84	436	3,528.00	5,104.00	8,632.00	16,141.18	12	40	752
Cooper Power System	786.00	5,502.00	5,928.41	106	425	4,452.00	5,950.00	10,402.00	16,330.41	14	39	640
Howard Industries, Inc.	962.00	6,734.00	7,255.89	93	378	3,906.00	5,264.00	9,170.00	16,425.89	8-10	36	661
Wesco Distribution	1,110.00	7,770.00	8,372.18	85	356	3,570.00	4,984.00	8,554.00	16,926.18	7	38	802.67
G E Supply	931.00	6,517.00	7,022.07	111	424	4,662.00	5,936.00	10,598.00	17,620.07	9-11	37.8	716
Jerry's Electric	804.10	5,628.70	6,064.92	148	598	6,216.00	8,372.00	14,588.00	20,652.92	10-12	46	652

Bid Item 3: 37.5 KVA, 120/240 Volt, Single Phase Circuit Protected

Number of units: 5

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load loss (watts)	Load loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
Cooper Power Syste	751.00	3,755.00	4,046.01	89	340	2,670.00	3,400.00	6,070.00	10,116.01	12	43	586
Kuhlman	744.00	3,720.00	4,008.30	87	352	2,610.00	3,520.00	6,130.00	10,138.30	8	39	565
Howard Industries, Inc	829.00	4,145.00	4,466.24	75	350	2,250.00	3,500.00	5,750.00	10,216.24	8-10	36	556
Central Moloney, Inc.	865.00	4,325.00	4,660.19	89	327	2,670.00	3,270.00	5,940.00	10,600.19	12	39	581
Wesco Distribution	1,024.00	5,120.00	5,516.80	77	290	2,310.00	2,900.00	5,210.00	10,726.80	7	40	695.41
G E Supply	942.00	4,710.00	5,075.03	85	399	2,550.00	3,990.00	6,540.00	11,615.03	9-11	42.9	740
Jerry's Electric	828.50	4,142.50	4,463.54	95	709	2,850.00	7,090.00	9,940.00	14,403.54	10-12	46	539

Bid Item 4: 50 KVA, 120/240 Volt, Single Phase Circuit Protected

Number of units: 7

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load loss (watts)	Load loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
Kuhlman	991.00	6,937.00	7,474.62	96	415	4,032.00	5,810.00	9,842.00	17,316.62	8	42	760
Howard Industries, Inc	1,011.00	7,077.00	7,625.47	89	444	3,738.00	6,215.00	9,954.00	17,579.47	8-10	37	665
Central Moloney, Inc.	1,012.00	7,084.00	7,633.01	84	476	3,528.00	6,664.00	10,192.00	17,825.01	12	40	752
Cooper Power System	795.00	5,565.00	5,996.29	106	545	4,452.00	7,630.00	12,082.00	18,078.29	12	45	641
Wesco Distribution	1,340.00	9,380.00	10,106.95	98	346	4,116.00	4,844.00	8,960.00	19,066.95	7	44	819
G E Supply	1,141.00	7,987.00	8,605.99	124	409	5,208.00	5,726.00	10,934.00	19,539.99	9-11	73.5	819
Jerry's Electric	940.50	6,583.50	7,093.72	148	634	6,216.00	8,876.00	15,092.00	22,185.72	10-12	46	652

Exhibit A.2

Load Loss \$/watt: 2.00

[illegible]

Bid Item 5: 75 KVA, 480Y/277 Volt, Three Phase Pad

Number of units: 1

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load oss (watts)	Load oss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
Howard Industries, Inc. A	3,451.00	3,451.00	3,718.45	80	561	480.00	1,122.00	1,602.00	5,320.45	24-25	51	
Howard Industries, Inc	3,160.00	3,160.00	3,404.90	160	566	960.00	1,332.00	2,292.00	5,696.90	24-25	51	
G E Supply	4,530.00	4,530.00	4,988.83	80	458	480.00	916.00	1,396.00	6,384.83	19-21	61	
Wesco Distribution, Inc.	3,760.00	3,760.00	4,051.40	208	523	1,248.00	1,246.00	2,494.00	6,545.40	14-16	46.5	
Cooper Power Systems	4,079.00	4,079.00	4,395.12	195	592	1,170.00	1,184.00	2,354.00	6,749.12	30	50	
Central Moloney, Inc.	No Bid											
Jerry's Electric, Inc.	No Bid											
Kuhlman	No Bid											

Bid Item 6: 500 KVA, 480Y/277 Volt, Three Phase Pad

Number of units: 1

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load oss (watts)	Load oss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (lbs)
G E Supply	9,180.00	9,180.00	9,891.45	250	2,814	1,560.00	5,628.00	7,188.00	17,079.45	19-21	77	
Howard Industries, Inc. AC	8,891.00	8,891.00	9,580.05	275	3,009	1,650.00	6,018.00	7,668.00	17,248.05	24-25	75	
Wesco Distribution, Inc.	6,568.00	6,568.00	7,077.02	520	3,409	3,720.00	6,818.00	10,538.00	17,615.02	14-16	50.5	
Howard Industries, Inc	7,832.00	7,832.00	8,438.98	609	2,859	3,654.00	5,718.00	9,372.00	17,810.98	24-25	69	
Cooper Power Systems	8,725.00	8,725.00	9,402.27	815	2,651	4,890.00	5,302.00	10,192.00	19,594.27	30	50	
Central Moloney, Inc.	No Bid											
Jerry's Electric, Inc.	No Bid											
Kuhlman	No Bid											